

WEST Search History

DATE: Thursday, November 08, 2007

Hide?	<u>Set</u> <u>Name</u>	<u>Query</u>	<u>Hit</u> <u>Count</u>
		<i>DB=PGPB; PLUR=YES; OP=ADJ</i>	
<input type="checkbox"/>	L3	l1 and l2	2
<input type="checkbox"/>	L2	halogenated unsaturated carbonyl compound or halogen containing unsaturated carbonyl compound or halogenated unsaturated alkoxy ketone or halogenated unsaturated alkoxy aldehyde.CLM.	2
<input type="checkbox"/>	L1	alkoxy cyclic ether or alkoxytetrahydrofuran.CLM.	2

END OF SEARCH HISTORY

=> d his

(FILE 'HOME' ENTERED AT 13:50:40 ON 08 NOV 2007)

FILE 'CASREACT' ENTERED AT 13:51:13 ON 08 NOV 2007

L1 STRUCTURE UPLOADED

L2 0 S L1

L3 1 S L1 FULL

FILE 'HCAPLUS' ENTERED AT 13:51:58 ON 08 NOV 2007

L4 1 S L3

FILE 'HCAPLUS, HCAOLD, USPATFULL, EPFULL' ENTERED AT 13:52:33 ON 08 NOV 2007

L5 285 S ALKOXY CYCLIC ETHER OR ALKOXYTETRAHYDROFURAN OR TETRAHYDROFUR

L6 51 S L5 AND (HALOGENATING AGENT OR HALOGENATING REAGENT OR ACID HA

L7 646 S HALOGENATED UNSATURATED CARBONYL COMPOUND OR HALOGENATED ALKO

L8 5 S L6 AND L7

L1 STRUCTURE UPLOADED

=> d

L1 HAS NO ANSWERS

L1 STR

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

Structure attributes must be viewed using STN Express query preparation.

=> s l1

SAMPLE SEARCH INITIATED 13:51:46 FILE 'CASREACT'

SCREENING COMPLETE - 0 REACTIONS TO VERIFY FROM 0 DOCUMENTS

100.0% DONE 0 VERIFIED 0 HIT RXNS 0 DOCS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**

BATCH **COMPLETE**

PROJECTED VERIFICATIONS: 0 TO 0

PROJECTED ANSWERS: 0 TO 0

L2 0 SEA SSS SAM L1 (0 REACTIONS)

=> s l1 full

FULL SEARCH INITIATED 13:51:49 FILE 'CASREACT'

SCREENING COMPLETE - 1 REACTIONS TO VERIFY FROM 1 DOCUMENTS

100.0% DONE 1 VERIFIED 1 HIT RXNS 1 DOCS

SEARCH TIME: 00.00.01

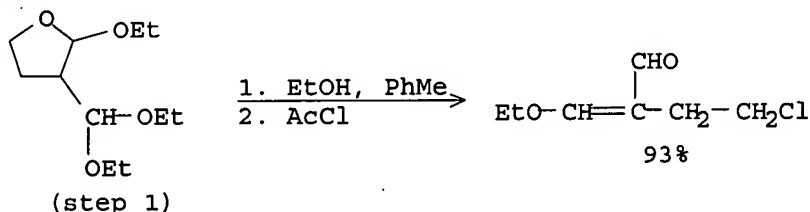
L3 1 SEA SSS FUL L1 (1 REACTIONS)

=> d scan

L3 1 ANSWERS CASREACT COPYRIGHT 2007 ACS on STN

TI Process for the preparation of halogenated unsaturated carbonyl compound

RX(2) OF 3



NOTE: alternative prepn. shown

ALL ANSWERS HAVE BEEN SCANNED

=> file hcaplus

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

113.55

113.76

FILE 'HCAPLUS' ENTERED AT 13:51:58 ON 08 NOV 2007

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

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FILE COVERS 1907 - 8 Nov 2007 VOL 147 ISS 20
FILE LAST UPDATED: 7 Nov 2007 (20071107/ED)

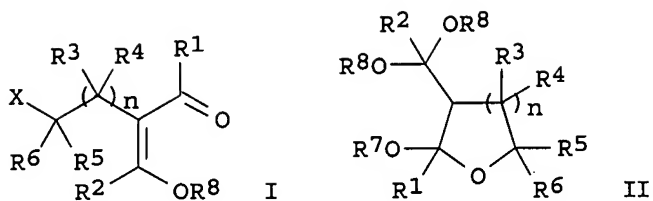
New CAS Information Use Policies, enter HELP USAGETERMS for details.

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s l3
L4 1 L3
=> d ibib abs hitstr

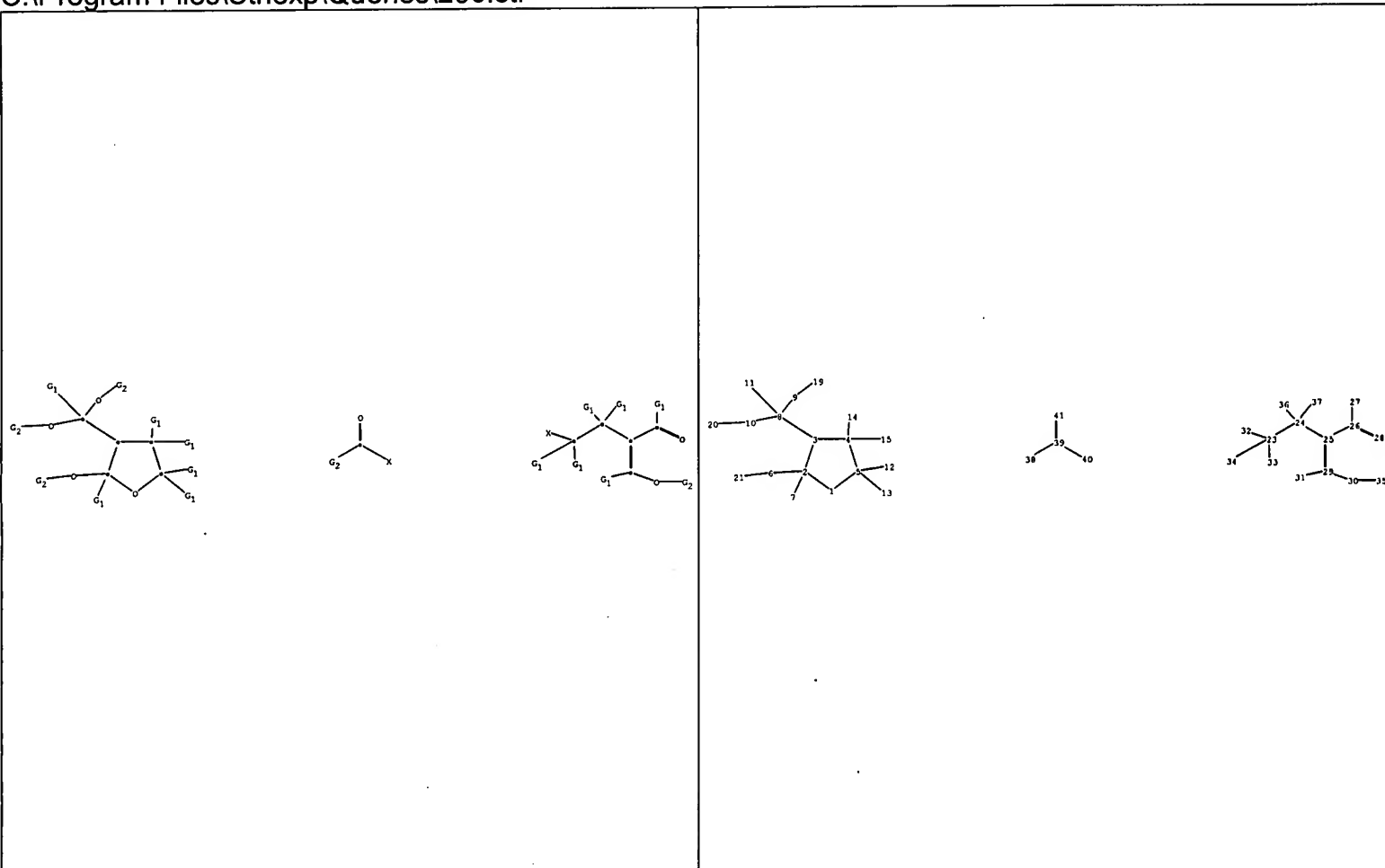
L4 ANSWER 1 OF 1 HCAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 2005:1103726 HCAPLUS
DOCUMENT NUMBER: 143:386683
TITLE: Process for the preparation of halogenated unsaturated carbonyl compound
INVENTOR(S): Koyakumaru, Kenichi; Hayashibara, Tatsuhiko; Akiba, Toshifumi; Saito, Tatsuru
PATENT ASSIGNEE(S): Kuraray Co., Ltd., Japan; Daiichi Pharmaceutical Co., Ltd.
SOURCE: PCT Int. Appl., 14 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005095317	A1	20051013	WO 2005-JP6414	20050325
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
RW:	BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
EP 1731494	A1	20061213	EP 2005-727497	20050325
R:	AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR			
US 2007197836	A1	20070823	US 2006-593200	20060915
PRIORITY APPLN. INFO.:			JP 2004-104866	A 20040331
			WO 2005-JP6414	W 20050325
OTHER SOURCE(S):	CASREACT 143:386683; MARPAT 143:386683			
GI				



AB A process for producing a halogenated unsatd. carbonyl compound represented by the general formula I [R1-R6 = independently H, (un)substituted saturated hydrocarbon, aryl, alkenyl or aralkyl; R8 = (un)substituted saturated hydrocarbon, aryl or aralkyl, X = halo] by reacting a compound represented by the general formula II [R1-R6, R7 and R8 are defined as above] with an acid halide is disclosed. For example, reaction of tri-Et orthoformate with 2,3-dihydrofuran to produce 3-(diethoxymethyl)-2-ethoxytetrahydrofuran (99.7%), and followed by chlorination with acetyl chloride, gave 4-chloro-2-ethoxymethylidenebutanal in 93% yield.

REFERENCE COUNT: 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT



chain nodes :

6 7 8 9 10 11 12 13 14 15 19 20 21 23 24 25 26 27 28 29 30 31 32 33 34 35 36
37 38 39 40 41

ring nodes :

1 2 3 4 5

chain bonds :

2-6 2-7 3-8 4-14 4-15 5-12 5-13 6-21 8-9 8-10 8-11 9-19 10-20 23-24 23-32 23-33 23-34
24-25 24-36 24-37 25-26 25-29 26-27 26-28 29-30 29-31 30-35 38-39 39-40 39-41

ring bonds :

1-2 1-5 2-3 3-4 4-5

exact/norm bonds :

1-2 1-5 2-3 2-6 2-7 3-4 4-5 4-14 4-15 5-12 5-13 6-21 8-9 8-10 8-11 9-19 10-20 23-33
23-34 24-36 24-37 26-27 26-28 29-30 29-31 30-35 38-39 39-41

exact bonds :

3-8 23-24 23-32 24-25 25-26 25-29 39-40

G1:H,Cb,Ak

G2:Cb,Ak

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:CLASS7:CLASS8:CLASS9:CLASS10:CLASS11:CLASS
12:CLASS13:CLASS14:CLASS15:CLASS19:CLASS20:CLASS21:CLASS23:CLASS24:CLASS25:CLASS
26:CLASS

27:CLASS28:CLASS29:CLASS30:CLASS31:CLASS32:CLASS33:CLASS34:CLASS35:CLASS

36:CLASS37:CLASS38:CLASS39:CLASS40:CLASS41:CLASS

fragments assigned product role:

containing 23

fragments assigned reactant/reagent role:

containing 1

containing 38